

**WASTE MANAGEMENT
SURFACE EMISSION MONITORING
CALIBRATION AND PERTINENT DATA**

Date: 3-23-16

Site Name: Cottonwood Hills

WEATHER OBSERVATIONS

Wind Speed: 0-10 MPH Wind Direction: SSE Barometric Pressure: 28.6

Air Temperature: 56 deg F General Weather Conditions: Overcast, Gusty winds

CALIBRATION INFORMATION

Pre-monitoring Calibration Precision Check

Procedure: Calibrate the instrument. Make a total of three measurements by alternating zero air and the calibration gas. Record the readings and calculate the average algebraic difference between the instrument reading and the calibration gas as a percentage. The calibration precision must be less than or equal to 10% of the calibration gas value.

Instrument ID: 30987664 Cal Gas Concentration: 500 ppm

Trial	Zero Air Reading	Cal Gas Reading	(Cal Gas Conc. - Cal Gas Reading)
1	<u>0</u>	<u>489</u>	<u>11</u>
2	<u>0</u>	<u>499</u>	<u>1</u>
3	<u>0</u>	<u>498</u>	<u>2</u>

Average Difference: 4.66

Calibration Precision = Average Difference/Cal Gas Conc. X 100%
0.93

Post-monitoring Calibration Check

Zero Air Reading: 0 ppm Cal Gas Reading: 499 ppm

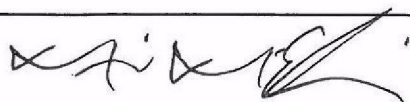
BACKGROUND CONCENTRATION CHECKS

Upwind Location Description: SE Access Rd. Reading: 2.42 ppm

Downwind Location Description: NW Access Rd. Reading: 4.17 ppm

NOTES:

Follow up monitoring for 3-17-16 USEPA site visit.



SEM Cal Form

WM00225

Site Name: _____

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